

**Notice of Allowability**

Application No.

09/828,506

Examiner

Baoquoc N. To

Applicant(s)

LYNN ET AL.

Art Unit

2162

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/01/2007.
2. ☒ The allowed claim(s) is/are 36-47, 52-60 and 63-64.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 02/01/2007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

BA

### **DETAILED ACTION**

1. Claims 36-47, 52-60 and 63-64 are pending in this application.

### ***Drawings***

2. Drawing 04/06/2001 is informal. Please submit the formal drawing.

### ***Specification***

3. The disclosure is objected to because of the following informalities: in the Related Applicant sections Applicant identifies related US application No.....filed on April 7, 2001 and entitled "Interactive Video Application Hosting, " US application No..... filed on April 7, 2001 and entitled "Video embedded E-Commerce," which are all here by incorporated by reference. Appropriate correction is required.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Carson, Reg. 34,303 on February 1 and 2, 2007.

Please amend the application as follow:

36. (Currently amended) A computer system for video spidering comprising:

one or more processors; and  
an addressable storage medium having instructions executed by the one or more  
processors to perform:

a spidering process configured to  
dynamically identify a script associated with at least one video on a network,  
parse the script associated with the video,  
execute the parsed script to identify video content, and  
evaluate the executed script to generate a location identifier of the video content;  
a storage configured to store known location identifiers;  
a uniqueness check process configured to  
check the generated location identifier against the known location identifiers, and  
eliminate the generated location identifier if it is not unique or predetermined  
properties have not changed in reference to a known location identifier in the storage;  
a grouping process configured to  
group together differently encoded versions of the video content varying by bit  
rate or player format, and  
apply a selection criterion to select one best differently encoded version of the  
video content; and  
a harvesting process configured to  
generate a time-based index of the one best differently coded version of the  
video content, and  
store a location identifier, corresponding to the indexed video, in the storage as a  
known location identifier.

52. (Currently amended) A method of video spidering, comprising:  
dynamically identifying a script associated with at least one video on a network,  
wherein the script comprises a an executable software program;  
parsing the identified script associated with the video;

executing the parsed script to identify content;  
grouping together differently encoded versions of the same content;  
selectively indexing the grouped versions of the content;  
obtaining a location identifier associated with the content; and  
storing the location identifier.

***Allowable Subject Matter***

5. Claims 36-47, 52-60 and 63-64 are allowed over the prior art made of records.  
Claims 36-41 are previously allowed claim.

The following is a statement of reasons for the indication of allowable subject matter:

As to claim 42, the examiner agrees with the applicant argument "Hoffert scanning the HTML code for Java script tag is very different fro the parsing the Java script itself. To the extent, that Hoffert does show parsing, the parsing is only of HTML code and its embedded tags, and not of any script (see col. 3, lines 27-30). Thus, the "parsing" feature of the claim invention is not found or described in Hoffert" and "executing the parsed scripts to identify the a container file in claim 42" and "executing the parsed script to identify the content file in claim 52" in conjunction with "dynamically identifying a script associated with at least one video on a packet switched network, the script comprises an executable software program; parsing the identified container file; evaluating the parsed container file to identify a location identifier of video content; and storing the location identifier associated with the video content."

Claims 43-47 depended on claim 42; therefore, they are allowed under the same reason as to claims 42.

Claim 52 shares similarity of claim 42; therefore, claim 52 is allowed under the same reason as to claim 42.

Claims 53-60 and 63-64 are depended on claim 52; they are allowed under the same reason as to claim 52.

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent and Pub No.

Acharya et al.	(US. Patent No. 6,813,384 B1)	Patent date: 11/02/2004.
Boicey et al.	(US. Pub. No. 2005/0198006 A1)	Pub. date: 09/08/2005.
Dimitrova	(US. Patent No. 6,363,380 B1)	Patent date: 03/26/2002.

NPL

Hjelsvold et al. Web-based personalization and management of interactive video, International World Wide Web Conference, Year 2001, pages 129-139.

Zhou et al. A web-enabled video indexing system, International Multimedia Conference, Year 2004, pages 307-314.

Zhang et al. A Natural language approach to content-based video indexing and retrieval for interactive E-learning, V. 6, Issue 3, June 2004, pages 450-458.

Babaguchi et al. Event based indexing of broadcast sports video by Intermodal Collaboration, V. 4, Issue 1, March 2002, pages 68-75.

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Java Script XML Parser, pages 2.

**Contact Information**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041, or unofficial fax number for the purpose of discussion (571) 273-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

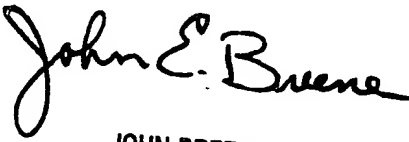
Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) 273-8300 [Official Communication]

BQ To

February 17th, 2007

  
JOHN BREENE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100